Claims

1. A storage case for at least one data disk, in particular compact disk (CD) or digital versatile disk (DVD), storing digital information and provided with a central opening, the storage case comprising a base (2) receiving the data disk (1) and a lid (4) that is parallel to the base (2), wherein the base (2) is provided with

   - a substantially rigid base plate (2a) with a support (16) for the data disk (1) that is formed on the base plate and is also rigid,

   - a fastening zone (3) arranged at the center of the base plate (2a) and connected to it by springy radial sections (8), having a centrally arranged rigid pressure element (7) as well as tongues (6) distributed about the pressure element (7) and securing positively the data disk (1) and provided with integrally formed snap-on cams (11) that project slightly past the edge of the opening of the data disk (1) when the latter is resting on the support (16),

   characterized in that

   the inner ends (8a) of the springy radial sections (8) are connected directly to the central pressure element (7), in that the tongues (6) are connected by at least one bending location (18) to the inner ends (8) of the springy radial sections (8), and that the support (16) for the data disk (1) is arranged directly about the radial sections (8) proximal to the edge of the opening of the data disk (1).

2. The storage case according to claim 1, characterized in that the radial sections (8) extend in the area between the support (16) for the data disk (1) and the fasting zone (3).

3. The storage disk according to claim 1 or claim 2, characterized in that the fasting zone (3) can be lowered by applying a force (F) acting essentially perpendicular to the base plate (2a) along a central axis (A) of the central pressure element (7) and opposite to the return force of the elastically moving radial sections (8).

4. The storage case according to claim 3, characterized in that the maximum lowering travel of the fastening zone (3) is at least identical to the total height (H) of the data disks (1) received thereon.

5. The storage case according to one of the preceding claims, characterized in that the central pressure element (7) is formed by a rigid pin that is provided with recesses (9) distributed about its circumference which pin is closed off by a bottom plate (19) in the areas provided with the recesses (9).

6. The storage case according to claim 5, characterized in that in each recess (9) of the pressure element (7) at least one of the tongues (6) is arranged and that the tongue is oriented substantially parallel to the central axis (A) of the fastening zone (3).

7. The storage case according to claim 6, characterized in that the circumferential areas of the pressure element (7) remaining between the recesses (9) provide for centering of the data disk (1), preferably together with the tongues (6).

8. The storage case according to one of the preceding claims, characterized in that the tongues (6) are elastic in the radial direction.

9. The storage case according to claim 1, characterized in that the snap-on cams (11) are provided at their bottom side with a slanted portion.

10. The storage case according to one of the preceding claims, characterized in

that in the circumferential direction of the fastening zone (3) first segments (S_1) where the radial sections (8) are connected to the central pressure element (7) alternate with second segments (S_2) where the tongues (6) are arranged.

11. The storage case according to one of the preceding claims, characterized in that cutouts (13) are provided between sequentially arranged radial sections (8).

12. The storage case according to claim 10 or claim 11, characterized in that the tongues (6) and the cutouts (13) are provided on the same segment (S_2).

13. The storage case according to one of the preceding claims, characterized in that the tongues (6) are located on the bottom plate (19) at the edge of the cutouts (13).

14. The storage case according to one of the preceding claims, characterized in that the bending locations (18) extend only in the circumferential areas of the fastening zone (3) provided with the cutouts (19) wherein the remaining circumferential areas of the fastening zone are substantially rigid.

15. The storage case according to one of the preceding claims, characterized in that a compression zone (15) is a component of each radial section (8) and, upon lowering of the fastening zone (3), causes a radial length compensation.

16. The storage case according to one of the preceding claims, characterized in that below the support (16) and at a minimal spacing below the fastening zone (3) two push-through openings (17) positioned opposite one another are provided for a rod-shaped securing element that blocks lowering of the fastening zone (3) and therefore prevents removal of the data disk (1).